QUALCAST

CGT183A

OPERATING INSTRUCTIONS

18 Volt
Cordless Grass Trimmer

HELPLINE NO 0844 8010979

GENERAL POWER TOOL SAFETY WARNINGS

WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.
The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) WORK AREA SAFETY

a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) ELECTRICAL SAFETY

a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

NOTE: The term "residual current device (RCD)" may be replaced by the term "ground fault circuit interrupter (GFCI)" or "earth leakage circuit breaker (ELCB)".

3) PERSONAL SAFETY

a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce

dust-related hazards.

4) POWER TOOL USE AND CARE

a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5) BATTERY TOOL USE AND CARE

a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

6) SERVICE

a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

SAVE THESE INSTRUCTIONS

This grass trimmer is designed for cutting grass and similar soft vegetation and for trimming grass edges in private and hobby garden areas which are not accessible with a lawnmower.

The device is not allowed to be used in public gardens, parks, sports centres or at roadsides as well as in agriculture and forestry.

This lawn trimmer is not allowed to be used for cutting or chopping:

- Hedges, shrubs and bushes,
- Flowers,
- In terms of composting.

Otherwise, there is a risk of injury.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that

they do not play with the appliance.
If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

a) Wear protective glasses or goggles;
b) Never allow children or people unfamiliar with the instructions to use the machine;
c) Stop using the machine while people, especially children, or pets are nearby;
d) Only use the machine in daylight or good artificial light;
e) Before using the machine and after any impact, check for signs of wear or damage and repair as necessary;
f) Never operate the machine with damaged guards or without the guards in place;
g) Keep hands and feet away from the cutting means at all times and especially;
h) Take care against injury from any device fitted for trimming the filament line length. After extending new cutter line always return the machine to its normal operating position before switching on;
i) Never fit metal cutting elements;
j) Never use replacement parts or accessories not provided or recommended by the manufacturer;
k) Always ensure that ventilation openings are kept clear of debris;
l) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

MAINTENANCE

a) When not in use store the machine out of the reach of children;
b) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained;
- Read the instructions carefully, Be familiar with the controls and proper use of the equipment;

SYMBOLS

To reduce the risk of injury, user must read instruction manual

Warning

Wear eye protection

Wear ear protection

Wear dust mask

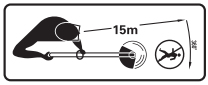
To avoid possibility of electric shock, do not use in damp or wet conditions

Do not expose to rain or water

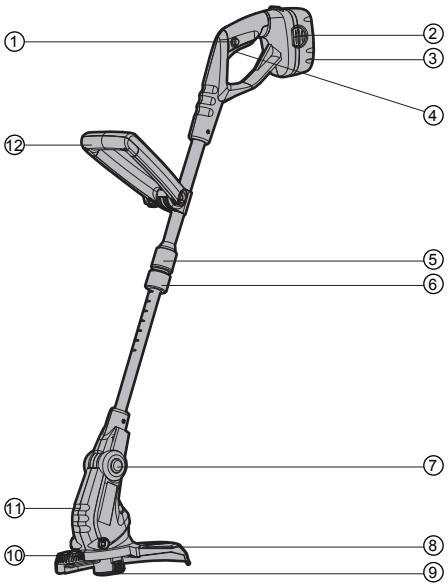
Do not burn

Do not dispose of batteries. Return exhausted pack batteries to your local collection or recycling point

Contains Ni-Cd battery. Battery must be recycled or disposed of properly.



Keep all other people, including children, pets and bystanders outside the 15 meters hazard zone, stop the trimmer immediately if you are approached.



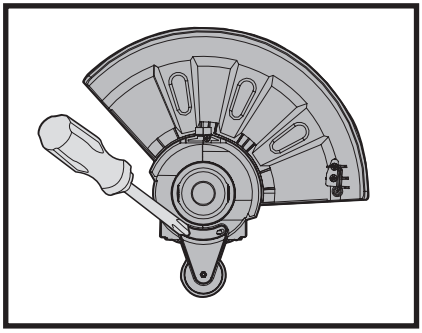
1.	SWITCH LOCK OFF BUTTON
2.	BATTERY RELEASE BUTTON
3.	BATTERY PACK
4.	ON/OFF SWITCH
5.	HEAD ROTATION LOCKING MECHANISM
6.	HEIGHT ADJUSTMENT LOCKING MECHANISM
7.	FLATTENING HEAD ADJUSTMENT BUTTON
8.	SAFETY GUARD
9.	CUTTING HEAD ASSEMBLY
10.	EDGE GUIDE
11.	MOTOR HOUSING
12.	AUXILIARY HANDLE
13.	CUTTING HEAD COVER (See Fig S)
14.	CUTTING HEAD COVER RELEASE LATCH (See Fig S)
15.	SPOOL (See Fig S)
16.	EYELET (See Fig S)
17.	CUTTING HEAD (See Fig S)
18.	LINE FEED BUTTON (See Fig Q)

NOTE: Before using the tool, read the instruction book carefully.

ASSEMBLY / ADJUSTMENT

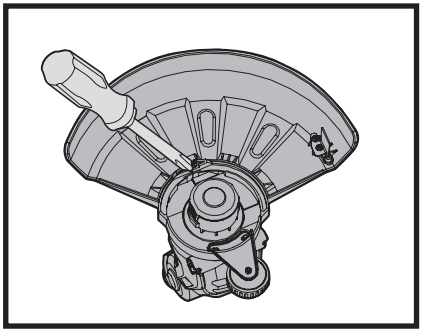
WARNING! The guard must always be on the tool to protect the user.

1. FITTING THE EDGE GUIDE WHEEL (See Fig A)
Select the edge guide wheel. Locate onto the motor housing. Carefully select the two fixing screws. Secure in position. Check that the edge guide wheel is properly located and secured.



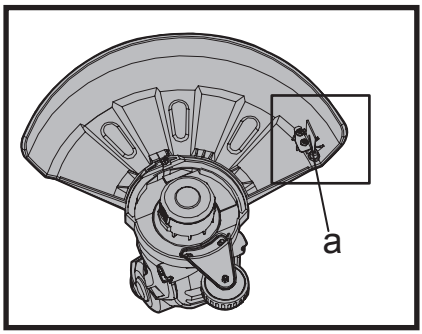
A

2. FITTING THE GUARD (See Fig B)
Fix the safety guard to the trimmer head making sure the sides are located into the grooves on the trimmer head.
Secure the safety guard onto the trimmer head with the screw provided.(assembled on the guard).



B

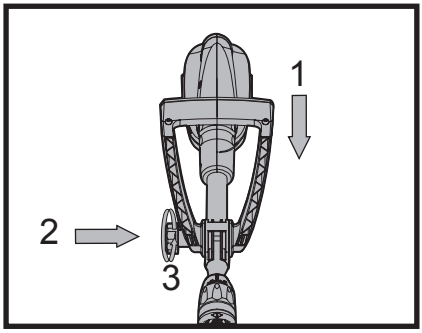
WARNING! Take great care when doing this as the guard has a very sharp cutting edge. (See Fig C)



C

WARNING! Never operate the tool without the guard properly in place. Use of the unit without having installed the guard will cause the motor to overheat, and void the warranty.

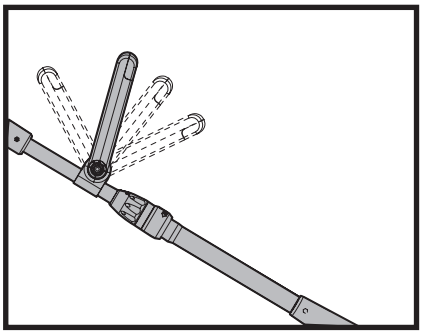
3. FITTING THE AUXILIARY HANDLE (See Fig D1)
NOTE: This may already be pre-fitted to the trimmer. However the following instructions give full assembly details.
1) Locate the auxiliary handle to the bracket. Note its orientation.
2) Insert the bolt through the bracket and the handle and screw into the captivated nut. Tighten using the large adjustment wheel.



D1

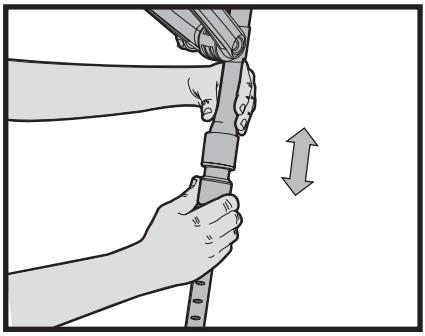
4. ADJUSTING AUXILIARY HANDLE (See Fig D2)
Unscrew the auxiliary handle locking knob.

The auxiliary handle's bracket can be moved up or down on the shaft and the auxiliary handle itself can be moved forward or backward into 5 different locked positions Then tighten the auxiliary handle locking knob.



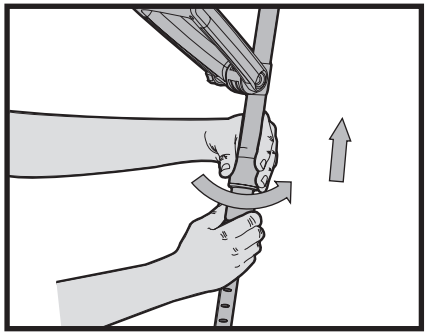
D2

5. ADJUST THE HEIGHT (See Fig E)
To adjust the telescopic shaft, simply pull the height adjustment locking collar down and pull the bottom section of the shaft down to the desired height. It will click into one of the notches on the shaft, and lock into place. Release the locking collar to lock the shaft into place.

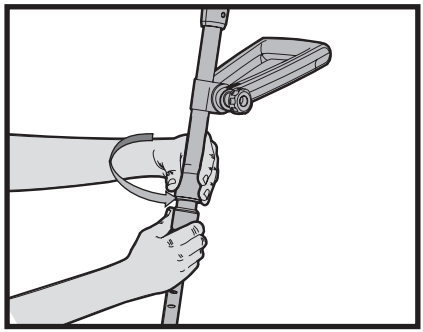


E

6. ADJUST THE HEAD ROTATION (See Fig F,G)
Pull Handle rotation locking collar and turn the top of the shaft 180^{0} counter-clockwise (The head will only move in one direction). Release the locking collar to lock shaft in place.



F



G

OPERATION INSTRUCTIONS

1. CHARGING YOUR BATTERY PACK

WARNING: The charger and battery pack are specifically designed to work together so do not attempt to use any other devices. Never insert or allow metallic objects into your charger or battery pack connections because an electrical failure and hazard will occur.

2. BEFORE USING YOUR CORDLESS GRASS TRIMMER

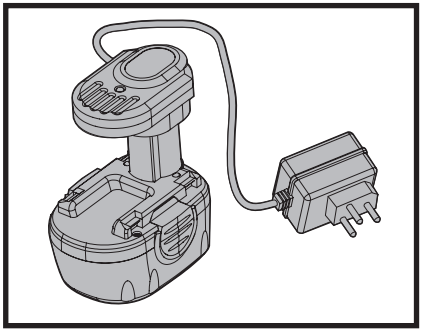
Your battery pack is UNCHARGED and you must charge once before use. When you charge the new battery or one which has not been used for long periods of time, it may not reach full charge until after you have discharged it fully in use and recharge it several times.

3. HOW TO CHARGE YOUR BATTERY PACK (See Fig H)

Connect the battery charger to the power supply and the green light will illuminate. Then, put the charger base on battery pack to make connections and the light will turn to orange to show charging has started. A discharged battery at normal ambient temperature will take approximately 3-5 hours to reach full charge. When charging is complete, unplug the charger and remove the battery pack.

WARNING: When battery charge runs out after continuous use or exposure to direct sunlight or heat, allow time for the battery to cool down before re-charging to achieve the full charge.

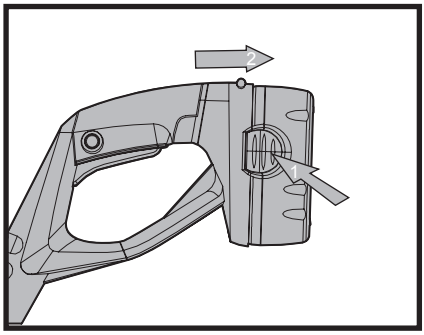
NOTE: The charger will not automatically switch off when the battery is fully charged, and the red light indicator will remain on. Do not leave your battery on charge continuously. This may damage the battery cells. If the battery pack is very hot you must allow it to cool first to ambient temperature and then recharging can be started. If you charge a second battery pack immediately after the first one, then the charger adapter can be overheated. Always allow at least 15 minutes rest between battery pack charging.



H

4. TO REMOVE OR INSTALL BATTERY PACK (See Fig I)

Locate latches on side of battery pack and depress both sides to release battery pack from your grass trimmer. Remove battery pack from your grass trimmer. After recharge insert the battery pack into grass trimmer's battery port. A simple push and slight pressure will be sufficient.

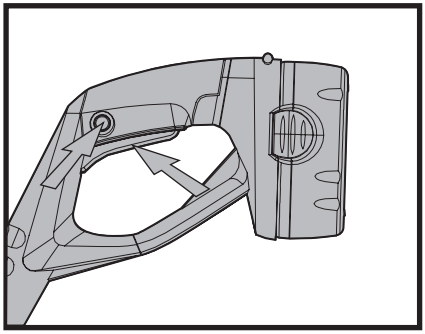


I

5. OPERATING THE ON/OFF SWITCH (See Fig J)

Your switch is locked off to prevent accidental starting. Depress lock off button then on/off switch and release lock off button. Your switch is now on. To switch off, simply release the on/off switch.

WARNING: The cutting head continues to rotate after the trimmer has been switched off, wait until it has stopped then lay down the tool.



J

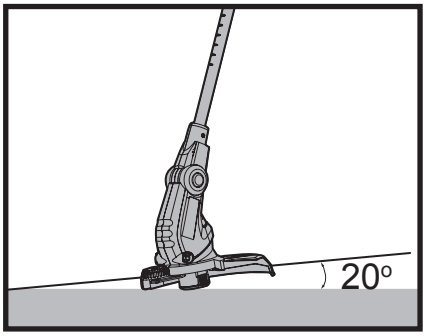
OPERATION

WARNING: Always wear eye protection. Never lean over the trimmer head. Rocks or debris can ricochet or be thrown into eyes and face and cause blindness or other serious injury. When operating unit,

check for the following:
Wear eye protection and heavy clothing. Hold front handle with one hand and auxiliary handle with the other hand. Keep unit below waist level. Work only from your right to your left to ensure debris is thrown away from you. Without bending over, keep line near and parallel to the ground (perpendicular when edging). Do not switch the machine on with the cutting head on or near material to be cut. Ensure the cutting line is at full speed before contacting material to be cut.

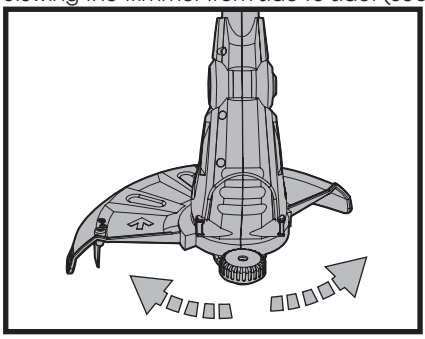
WARNING: Make sure that line is fed out before operation. Make sure motor is up to full speed before trimming.

1.Let the trimmer run for a few seconds without touching the working area, and allow the trimmer to cut the line.
2.Use the trimmer at an angle of approximately 20-degree to the working area. (See K)



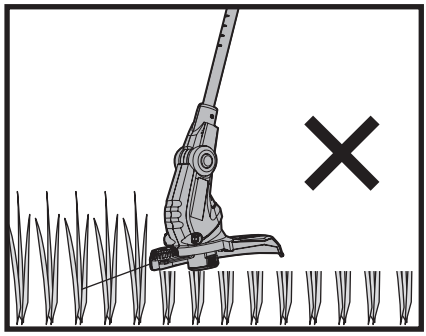
K

3.Swing the trimmer from side to side. (See L)

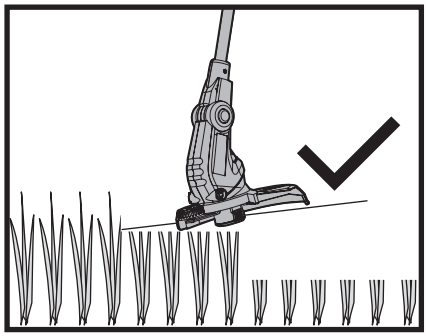


L

4.If the grass is very long cut in stages rather than trying to cut in one go. Do not overload your trimmer, take small cuts this will keep machine operating at high speed and will greatly improve cutting efficiency.
(See M and N)



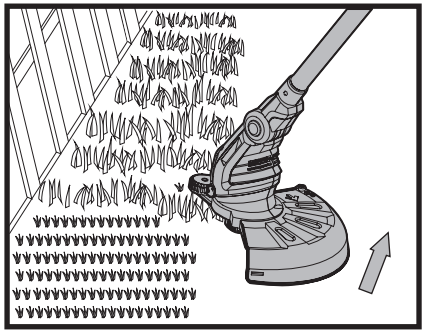
M



N

5.Cutting close to a wall

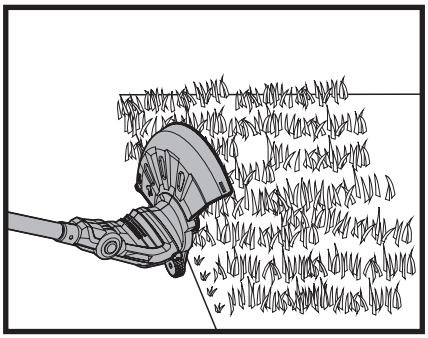
Use the outside edge of the guard as a guide when cutting close to an edge (See Fig O).



O

6.Cutting edges

To edge, rotate the shaft 180^0. Place edge guide and trimmer head above the surface you are going to edge, as shown in Fig P.



P

AUTOMATIC LINE FEED SYSTEM

When initially switching on the trimmer, a small length of line is fed out.

A 'clattering' noise will be heard when the lines hit the line cutter. DO NOT BE ALARMED this is quite normal. After about 5 seconds the line will be cut to the correct length and the noise will reduce as the motor achieves full speed.

If the noise of the line being cut can't be heard, more line will be fed out.

To feed more line, it is first necessary to allow the trimmer to stop completely, then restart, allowing the motor to reach full speed.

Repeat above until you hear the lines hitting against the line cutter. (Do not repeat this procedure more than 6 times).

TO MANUALLY FEED THE LINE (See Fig Q)

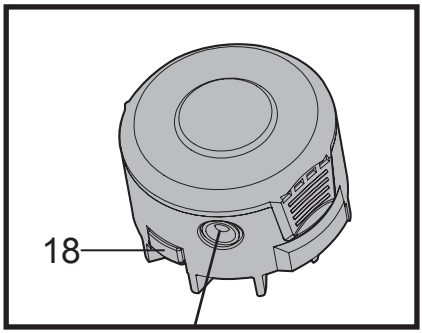
If required, line can be fed out manually.

To operate, press and release manual line feed button (18), while gently pulling out the lines until the lines reach the line cutter.

When the required amount of line is fed out, gently pull on the second line (there is no need to press the manual line feed button again)

If the line extends past the line cutter, too much line has been fed out.

If too much line is fed out, remove the spool cap and turn spool counter-clockwise until the line is at the desired length.

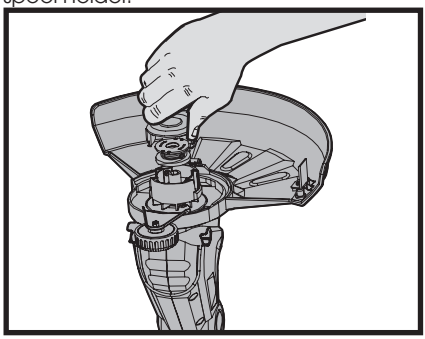


Q

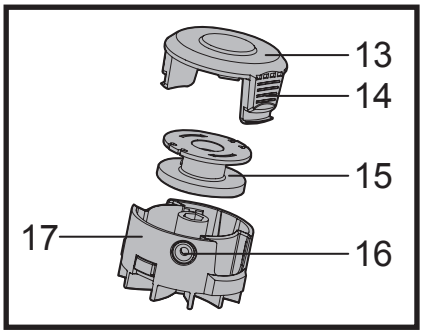
TO REMOVE THE CUTTING HEAD COVER (See Fig R,S)

Press the release latch on the spool head cover and remove cover, pulling it straight off the cutting head assembly.

Pull the cutting head cover away from the spool holder.



R



S

WHEN REFITTING THE SPOOL CAP
Keep all areas of the cutting head cover and spool holder clean.
Replace the spool head cover, pressing firmly down towards the spool holder to ensure the cover is fully located.
Check that the cap is correctly fitted by trying to remove it without depressing the two latches.

TO REPLACE CUT LINE
For your convenience it is recommended you buy spool and line complete.

TO FIT SPOOL AND LINE COMPLETE
Remove old spool.
Place new spool into cutting head with **cut out areas of the spool in line with eyelets.**
Release line from cleat and feed line through eyelet.
Refit the spool head cover.

TO FIT NYLON LINE ONLY:
WARNING! Take approximately 4m of line. Insert 15mm of line into the spool holes and wind line in the direction of the arrows on the top of the spool.
Your Trimmer is designed to use only line with a maximum diameter of 1.45mm.
IMPORTANT: Leave approximately 100mm of line unwound and place into cleat.
Care should be taken to ensure that the line is neatly coiled on the spool. Failure to do so will impair the efficiency of the automatic line feed.
Then fit spool as described in **"To fit spool and line complete"**.

MAINTENANCE AND STORAGE

Important note: Always remove battery before cleaning, repair and storage.

1. Always remove the battery pack whenever you carrying out any cleaning or repair.
2. Your tool requires no additional lubrication or maintenance. There are no user serviceable parts in your tool.
3. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth.
4. Always check the cutting head and guard before each use.
5. Always store your power tool in a dry place.
6. Keep the motor ventilation slots clean.
7. Have the unit professionally repaired should any damage occurs.

TROUBLESHOOTING

Although your new cordless grass trimmer is really easy to operate. If you do experience problems, check the following:

1. If grass trimmer will not operate
• Check the battery pack assembly.
• Charge the battery: running of the grass trimmer is dependent upon sufficient charge in the battery pack.

2. If the battery will not charge
Check to see if the battery is properly inserted the charger base, and make sure the indicator light is on, if not check the plug and fuse connected with supply.

3. If the trimmer is not cutting properly
Check the condition of the cutting head, if the cutting line is too short or cutting head damaged.
NOTE: Do not use damaged cutting head.

4. If a fault is suspected return the trimmer to an authorised dealer for repair.
NOTE: There are no user serviceable parts in the trimmer.

TECHNICAL DATA

	CGT183A
Voltage	230-240V~ 50Hz
Power input	18V⎓
No load speed	8000/min
Cutting diameter	25cm
Line diameter	1.45mm
Line length	1*4m
Machine weight	2.65kg
Normal charging time	3-5hr
Battery capacity	1.5Ah

NOISE AND VIBRATION DATA

A weighted sound pressure	80dB(A)
A weighted sound power	90dB(A)
Wear ear protection when sound pressure is over	85dB(A)
Typical weighted vibration	4.53m/s^2

WARNING: The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:
How the tool is used and the materials is cut or drilled.
The tool being in good condition and well maintained.
The use of the correct accessory for the tool and ensuring it is sharp and in good condition.
The tightness of the grip on the handles and any anti vibration accessories are used.
And the tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Help to minimize your vibration exposure risk.
Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).
If the tool is to be used regularly then invest in anti vibration accessories.

Avoid using tools in temperatures of 10°C or less.
Plan your work schedule to spread any high vibration tool use across a number of days.

ACCESSORIES

Auxiliary handle	**1**
Charger	**1**
Safety guard	**1**
Battery pack	**1**

We recommend that you purchase your accessories from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

ENVIRONMENTAL PROTECTION

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.